

April 2004

VEHICLE FLEET

FLEET REPORT

Nevada Highway Patrol

Lt. Bill Bainter

Overview

Monthly Shop Report for Reno:

The Reno Mechanics Shop and the Radio Shop were busy during the month of April stripping and building vehicles for Northern and Central Command. The build process was seamless, with the exception of a delayed push bumper order that was shipped on May 10, 2004.

The Reno Mechanic Shop discovered an engine failure on a Chevrolet Impala that was caused by a leaking oil pan (ruined engine). The Impala was involved in an accident and the cause of failure was questionable. HQ Fleet worked with GM and the issue was resolved with 100% warranty coverage. One Impala was sent to the Dealership due to a body control module failure. This failure was covered under extended warranty.

Three Impalas had cooling system recalls and two Crown Victoria Police Interceptors had the fuel tank recalls completed.

The Northern Command experienced two steering rack failures on the 2003 Crown Victorias. The failure causes tight steering when turning and binding effects when backing up. One unit was covered under standard warranty and the other unit was covered under extended warranty.

The Reno Shop is completing the majority of repairs on BMW motorcycles. This is an effort by vehicle fleet to reduce high maintenance costs.

There were no reported transmission failures in April with the Crown Victoria Police Interceptors or Impalas.

The Reno and Las Vegas Shops are working with GM and establishing the NHP maintenance facilities as authorized fleet warranty service stations. This will enable NHP to recover labor/parts costs for warranty work and reduce downtime for NHP vehicles. This was negotiated by HQ Fleet with General Motors. This will go into effect June 1, 2004.

Monthly Shop Report for Elko:

Elko reported two catalytic converter failures with the Chevy Impalas during the month of April. The new converters have a design change that will correct the

Contents:

Shop Reports	1
Shop Reports	2
Overtime	3
Repairs	3
Registrations	3
Fleet Orders	3
Fleet Test Programs	4
Windshield Damage	4
Accident Report	4
Crash Fund	5
Fuel Data	5
Vehicle Surplus	6

Nevada Highway Patrol

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problem.

The Elko Shop is building four new vehicles in there command and two of these vehicles are in the competition stage. During the month of April, the Elko shop transported vehicles to Reno for turn in to State Purchasing.

Monthly Shop Report for Las Vegas:

The Southern maintenance shop has discovered loose bolts on the rear suspension of the Chevy Impalas. The three anchor bolts that attach the rear strut rod to the body are loosening and falling out when in operation. This has resulted in the strut tearing out and the anchor plate/strut rod separating from the body. The strut rod could contact the road and cause the Impala to loose control. HQ Fleet has contacted GM Service and requested a recall of all Impalas. All shops have been directed to inspect and torque the bolts to prevent strut separation from the mounting plates.

The Las Vegas shop has been building new units and stripping old units removed from service. All units that are stripped are turned in to State Purchasing. The Las Vegas Shop has completed two unit builds. Four other unit are partially completed and awaiting push bumpers. The Las Vegas Mechanics Shop has twenty Crown victorias and four Expeditions to complete.

Monthly Shop Statistics:

Overtime worked for April:

<u>Reno Shop</u>	<u>Elko Shop</u>	<u>Las Vegas Shop</u>
118.5 Hours	12 Hours	6.0 hours

Overtime Justification:

Reno: 30.5 hours for backlog reduction. (Academy bus and BMW repairs)
 . 82 hours for vehicle builds stripping vehicles for turn-in
 8.0 hours call out
 2.0 hours tow vehicle
 2.0 hours drug seizure teardown

Elko: 12 hours Pick up and deliver units to Reno

Las Vegas: 2.0 hours equipment repairs.
 4.0 hours drug call out.

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Repairs completed:

<u>Reno Shop</u>	<u>Elko Shop</u>	<u>Las Vegas Shop</u>
40 PM Services 90 Repairs	40 PM Services 48 Repairs	61 PM Services 62 Repairs
Totals: <u>130</u>	<u>88</u>	<u>123</u>
Total Statewide services and repairs: 341		

Note: PM stands for preventative maintenance services

Vehicle Registrations:

Procedures were established in which Terry Lukas registers vehicles when vehicle status reports are received in Fleet Headquarters. Status reports are completed at the NHP shops and forwarded to Headquarters for processing. All NHP vehicle registrations are current.

F/Y 2004 Fleet Vehicle Orders:

2004 Ford CVPI	2004 Dodge Durango	2004 Ford Expedition
50	4	10

All vehicles have been received. The breakdown for each region:

	<u>Ford Crowns</u>	<u>Expeditions</u>	<u>Durango's</u>
Northern Command:	<u>12</u>	<u>3</u>	<u>1</u>
Southern Command:	<u>25</u>	<u>4</u>	<u>1</u>
Central Command:	<u>13</u>	<u>3</u>	<u>2</u>

The Durango's have been delivered to the Reno Shop for building for all regions.

The Durango's, Ford Expeditions and the Ford Crown Victoria Police Interceptors have been crash tested by NHTSA and all the vehicles that the Nevada Highway Patrol purchased have received a **Five Star** Crash Rating*.

*source <http://nhtsa.dot.gov>

*<http://automotivedigest.com>

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Fleet Test Programs:

Current test programs:

Delco-Delphi Batteries	17 units	Las Vegas
Michelin Tires	25 units	Las Vegas
Infineum Test Oil	16 units	Elko
	7 units	Reno
	17 units	Las Vegas
Code Three LED Overhead Light Bars	6 units	Elko
	6 units	Reno
	3 units	Las Vegas
DVD Digital In-Car Video System	1 unit	Reno
Dodge Durango	1 unit	Reno
	1 unit	Elko
Ford Expedition satellite communications	1 unit	Completed

All parts, oil and equipment testing is furnished at no cost to the Division. Initial field test reports on the LED overhead light bars have rated the equipment as exceptional. The DVD digital in-car video reports have been rated excellent.

Windshield Damage Report:

	<u>Unit</u>	<u>Amount</u>
F/Y 2004 (April)		
Southern Command	4	open
Northern Command	3	open
Central Command	1	open
Total	8	pending

Accident Damage Report:

	<u>Unit Damaged</u>	
F/Y 2004 (April)		
Southern Command	6	(1 Trooper fault)
Northern Command	2	(1 Trooper fault)
Central Command	2	(2 Trooper fault)
Total	10	

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Crash Fund Balance:

April Crash Fund Balance: \$ 65,400.00

Fuel Data Charts for NDOT, Western Energetix, Chevron, Union and Texaco:

N-DOT Monthly Fuel Data

4713-04
NDOT GAS

DATE	MONTH OF BILL	BILLING CLAIM #	AMOUNT	GALLONS OF GAS	AVERAGE COST PER GALLON
08/20/03	July	BL000959	\$ 69,435.25	48,756.18	\$ 1.42
09/20/03	August	BL001023	\$ 69,847.43	46,862.74	\$ 1.49
10/09/03	Sept.	BL001079	\$ 74,976.49	48,881.85	\$ 1.53
11/15/03	Oct	BL001239	\$ 62,923.12	40,996.08	\$ 1.53
12/18/2003	Nov	BL001294	\$ 46,679.71	32,670.57	\$ 1.43
1/18/2004	Dec		\$ 70,598.72	50,694	\$ 1.39
2/10/2004	Jan		\$ 66,351.35	43,432.4	\$ 1.52
3/30/2004	Feb		\$ 86,843.68	51,662.02	\$ 1.68
4/30/2004	Mar		\$ 83,081.04	47,628.48	\$ 1.75
			\$ 630,736.79	411,584.28	\$ 1.62

Western Energetix Monthly Fuel Data:

DATE	WESTERN ENERGETIX	GAL	DATE	GAL	CHEVRON
7/01/2003	\$2,864.29		7/05/2003	2.33	\$3,163.14
7/16/2003	\$3,030.61	1.41	8/8/2003		\$2,094.37
8/1/2003	\$3,221.20	1.47	9/05/2003	1.89	\$3,533.39
8/16/2003	\$3,932.58		10/10/2003	1.88	\$3,835.42
9/1/2003	\$3,901.33		11/07/2003	1.88	\$2,240.60
9/16/2003	\$2,951.99	1.94	12/05/2003	1.88	\$2,308.68
10/01/2003	\$2,969.45		1/31/2004	1.89	\$2,203.64
10/16/2003	\$2,969.76	1.43	2/05/04	2.02	\$1,403.21
11/3/2003	\$3,952.73	1.45	03/05/2004	2.05	\$4,018.20
12/16/2003	\$4,525.42	1.38	04/30/04	2.10	\$3,707.89
1/31/04	\$5,039.76	1.38			
4/30/04	\$5,381.04	1.81			
TOTAL	\$49,437.15		TOTAL		\$28,508.04

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Texaco Monthly Fuel Data:

FUEL REPORTS				
TEXACO			UNION	
07/22/2003	\$96.91		08/01/2003	\$144.56
08/21/2003	\$341.28		09/02/2003	\$154.31
09/22/2003	\$377.50		10/01/2003	\$68.79
10/21/2003	\$20.61		2/1/2003	\$57.69
11/1/2003	\$ 68.79		4/1/2003	\$23.94
12/31/2003	\$18.05			
TOTAL	\$923.14		TOTAL	\$449.29

Fuel Totals:

N-DOT	\$ 630,736.79
Western Energetix	49,437.15
Texaco	923.14
Union	449.29
Chevron	28,508.04
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	\$710,054.41

Fuel Budgeted for FY04 **\$ 789,977.00**

Remaining Fuel Balance for FY04 **\$ 79,922.59**

NHP was approved through IFC additional money for fuel expenses. Based on our current projections, NHP will be within budget.

Vehicle Surplus / excess for the Month of April: 23 units

Unit number	Excessed To
97-900	00-950 00-264 Nevada State Purchasing
81-902	00-469 Nevada State Purchasing
99-407	00-465 Nevada State Purchasing
01-262	00-164 Nevada State Purchasing
01-399	94-936 Nevada State Purchasing
00-476	00-286 Nevada State Purchasing
01-458	01-079 Nevada State Purchasing
01-207	01-357 Nevada State Purchasing
98-451	97-235 Nevada State Purchasing
01-301	00-123 Nevada State Purchasing
00-482	00-198 Nevada State Purchasing